

Amendments to Claims

We claim:

Claim 1. (Amended) A multilayer polymer film comprising, where at least two contiguous layers, the contiguous layers are bound to each other by cross-linking of one layer to the other layer.

2. (Original) A film according to claim 1, wherein the cross-linking between two contiguous layers is the result of irradiation of cross-linking additives in both said layers.

3. (Amended) A multilayer film according to claim 1 ~~or 2~~, wherein the polymer film is a barrier shrink film where having a polyethylene layer ~~is~~ capable of being bound to a contiguous EVOH layer.

4. (Amended) A process for manufacturing a multilayer polymer film having at least two contiguous layers, comprising providing in each of the two contiguous layers cross-linking additives, and irradiating the film in conditions suitable to induce cross-linking between them the two contiguous layers.

5. (original) A process according to claim 4, comprising providing in a plurality of pairs of contiguous layers cross-linking additives, and irradiating the film under conditions suitable to induce cross-linking between respective members of each of said pairs.

6. (Amended) A process according to claim 4, wherein the multilayer polymer film is manufactured using a ~~the~~ double-bubble process or a ~~the~~ Tenter process.

7. (Amended) A process according to claim 4 ~~any one~~ ~~of the preceding claims~~, wherein the radiation is ultraviolet radiation at wavelengths to which the cross-linking additives are sensitive.

8. (Amended) A process according to claim 4 ~~any one~~ ~~of the preceding claims~~, wherein the multilayer polymer film to be produced is a barrier shrink film ~~where having~~ a polyethylene layer ~~is to be~~ capable of being bound to a contiguous layer of EVOH/PE blend or EVOH layer.